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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/039,535	01/04/2002	Gregory S. Saunders	473.02	9374

7590

07/06/2006

Todd A. Noah
Dergosits & Noah LLP
Suite 1450
Four Embarcadero Center
San Francisco, CA 94111

EXAMINER

OYEBISI, OJO O

ART UNIT

PAPER NUMBER

3628

DATE MAILED: 07/06/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.		Applicant(s)	
	10/039,535		SAUNDERS, GREGORY S.	
	Examiner		Art Unit	
	OJO O. OYEBISI		3628	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE ____ MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 05/11/04.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-16 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-16 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 04 January 2002 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. ____. |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date ____. | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Claim Rejections - 35 USC § 103

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

The factual inquiries set forth in *Graham v. John Deere Co.*, 383 U.S. 1, 148 USPQ 459 (1966), that are applied for establishing a background for determining obviousness under 35 U.S.C. 103(a) are summarized as follows:

1. Determining the scope and contents of the prior art.
 2. Ascertaining the differences between the prior art and the claims at issue.
 3. Resolving the level of ordinary skill in the pertinent art.
 4. Considering objective evidence present in the application indicating obviousness or nonobviousness.
2. Claims 1-16 are rejected under 35 U.S.C. 103(a) as being unpatentable over applicant's disclosure in the background of the invention. The applicant discloses in the background of the invention that "the present methods of providing interest rate quotations are generally manual methods in which loan company or bank personnel use the DSCR to visually identify an appropriate interest rate published on a pricing grid. Such a pricing grid is typically an industry standard matrix of recommended interest rates or spreads corresponding to specific DSCR values, and may be published periodically and made available to interested lenders. Interest rates can be determined and quoted based on various different loan and borrower parameters. One popular type of interest rate

quotation is the cash flow-based interest rate in which the interest rate is determined or estimated by a lender based primarily upon the amount of a property's net cash flow relative to the loan payment amount (i.e., DSCR). In general, as net cash flow increases relative to the loan payment, the interest rate decreases..... What is needed, therefore, is an improvement over present manual methods of providing loan quotations that rely on the visual identification of appropriate interest rates published on a pricing grid based on DSCR values. This is provided by a loan application and interest rate quotation system that automates the calculation of a cash flow-based interest rate so as to materially resolve the circular reference inherent in the determination of a cash flow-based interest rate." (see applicant's background of the invention, pg 4 line 14 –pg 5 line15). Thus, since applicant's claimed invention is merely automating a manual loan quotation method, as evidenced by applicant's own admission in the background of the invention (i.e., What is needed, therefore, is an improvement over present manual methods of providing loan quotations that rely on the visual identification of appropriate interest rates published on a pricing grid based on DSCR values. This is provided by a loan application and interest rate quotation system that automates the calculation of a cash flow-based interest rate, see applicant's background of the invention, pg 4 lines 7-15). However, it was known at the time of the invention that merely providing an automatic means (i.e., online loan quotation) to replace a manual activity (i.e., manual loan quotation) which accomplishes the same result is not sufficient to distinguish over the prior art, In

re Venner, 262 F.2d 91, 120 USPQ 193, 194 (CCPA 1958). In other words, there is no enhancement found in the claimed step other than the known advantage of increased speed. The end result is the same as compared to the manual method. It would have been obvious to a person of ordinary skill in the art at the time of the invention to automate, using a network-based online process, the manual step of providing loan quotation from a lender to a user; because this would speed up the determining step which is purely known and expected result from automation of what is known in the art.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to OJO O. OYEBISI whose telephone number is (571) 272-8298. The examiner can normally be reached on 8:30A.M-5:30P.M.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, HYUNG S. SOUGH can be reached on (571)272-6799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 3628

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.


HYUNG SONGH
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3628